Mountain Weather Forecast

Snowdonia National Park

Forecast valid from 06:00 on Saturday 19 Dec 2020 until 23:59 on Sunday 20 Dec 2020

Forecast Issued on Saturday 19 Dec 2020 at 00:44

Confidence: High confidence in general outline of the forecast for the beginning of the period some uncertainty by the middle of next week in the synoptic pattern.

Headline for Saturday 19 Dec 2020: A showery day with southwesterly gales or severe gales on the mountains.

Mountain weather hazards on Saturday 19 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Heavy rain showers	Heavy rain showers	Sleet showers	Sleet showers (night)	Sleet showers (night)
Precipitation probability					
60%	30%	60%	70%	80%	80%

Forecast for Saturday 19 Dec 2020

Weather: Bands of blustery showers will push across the Snowdonia region today, with the showers grouped together at times to give longer periods of rain. Some of the showers will be heavy with the risk of hail, thunder and lightning at times. Showers will become more wintery this afternoon as the freezing level lowers to around 1000m, with showers falling as snow over the highest summits this evening. There will be a few brighter or sunny intervals in-between the showers, also clear spells early and late today.

Chance of cloud free mountain/hill tops above 800m: 50%, as scattered cloud will shroud the hill tops at times especially during heavier showers but this cloud cover will be temporary, except on some of the more southwesterly mountain tops where cloud may linger for much of today around 600m.

Visibility: Visibility will be good or very good outside of the showers. However, visibility will dip to moderate or poor at times in showers, particularly this afternoon and evening as the showers turn to sleet or snow, and very poor with temporary hill fog.

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Forecast for Saturday 19 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	39/48 S	40/53 S	40/54 SW	40/54 SW	37/50 SW	36/49 SW	37/50 SW
600	28/35 S	30/42 S	30/43 SW	29/42 SW	27/39 SW	25/37 SW	26/38 SW
300	17/31 S	19/37 S	20/38 SW	18/36 S	17/34 SW	16/32 SW	17/34 SW
Valley	17/30 S	19/35 S	20/37 SW	18/35 S	17/34 SW	16/32 SW	17/33 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	3/-4	3/-5	2/-6	2/-7	1/-7	2/-6	1/-7
600	5/-1	5/-2	4/-2	4/-3	4/-3	4/-3	4/-3
300	7/3	7/2	7/2	6/2	6/2	6/2	6/1
Valley	8/5	8/4	8/4	8/4	7/3	7/3	7/3
Freezing Level*	1200m	1200m	1100m	1100m	1100m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe gales likely over the highest summits and exposed ridges, gusts reaching 60 mph, strongest around the heavier showers. Note the freezing level lowering through today, with the showers turning wintery on the mountain tops later.

Forecast for Sunday 20 Dec 2020

Weather: Another showery outlook for Sunday, with blustery showers moving across Snowdonia, these heavy at times with a risk of hail and thunder. Showers are likely to be wintery on the tops with freezing level around 900m. Some sunny or bright spells will occur, and some eastern areas may have only isolated showers.

Maximum wind: Southwesterly 40-45 mph gusts 55-60 mph at first, gradually easing a little.

Chance of cloud free mountain/hill tops above 800m: 60%, there will be periods of time when cloud falls below the tops however this should be short lived with good opportunities for views across the Snowdonia.

Visibility: Mainly good or very good, but becoming moderate in showers and poor in any sleet or snow showers.

Temperature: **Valleys:** Plus 2 increasing 8 Celsius
At 800m: Plus 1 Celsius.
Freezing level: 900m

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Mountain Weather Forecast

Ground Conditions Supplement
Latest Report - 15 December 2020 10.30am
Snowdon summit

Area - Snowdon
Date - 15 December 2020
Time - 10.30am
Snow Above - 900 metres
Report By - Snowdon Warden

Route Taken
PYG track

Conditions
Isolated patches of snow on path.
Steep bank of snow at top of path.
Essential Kit
The following is a list of additional kit required based on the current conditions.

Standard winter kit required.

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